MX5 Belt Battery System

IMPORTANT NOTICE - The LXE MX5 CE .NET computers are obsolete. This electronic manual has been made available as a courtesy to our customers. Please contact your LXE customer support representative for replacement and assistance.

Belt with Battery

Belt Battery Charger

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Important Safety Instructions

Do not wear the the battery belt charger when it is connected to AC Power. Disconnect the MX5 from the Belt Battery when the battery belt charger is to be connected to AC Power.

SAVE THESE INSTRUCTIONS

This document contains important safety and operating instructions for the LXE Belt Battery System which consists of the *MX5 Belt Battery and the Battery Belt Charger*. Please read all instructions and cautionary markings before proceeding to assemble and put into service.

CAUTION:

Do not disassemble the Belt Battery or the Battery Belt Charger. When service or repair is required, please send the unit to LXE. Disassembly or incorrect reassembly of the unit may result in a risk of electric shock or fire.

To reduce the risk of electric shock, unplug the unit before attempting any maintenance or cleaning.

WARNING: Risk of Electric Shock

The Battery is a lead-acid battery that provides mobile DC output power. Low voltage (10-16VDC) DC power is available from the Battery even when the Battery is disconnected from the AC power source.

Risk of electric shock (high current levels) exists internal to the Battery at the lead-acid battery terminals. Do not open the Belt Battery. There are no user serviceable parts inside. Refer servicing to qualified service personnel only.

DANGER: Risk of Explosion

The MX5 Belt Battery or Battery Belt Charger are not for use in hazardous (classified) locations. Do not use either the MX5 or the MX5 Belt Charger, nor recharge the Belt Charger battery, in oxygen enriched areas; areas where flammable compounds are used or stored; or any other hazardous, classified location.

Although the lead-acid battery is sealed, there still exists a risk of dangerous concentrations of flammable and/or combustible gases escaping from the battery. Therefore, do not store, charge, or recharge the MX5 Belt Battery System in small, non-ventilated areas such as enclosed equipment closets or rooms. Also, do not smoke or light a flame when in the near vicinity (within 18 inches any direction) of the MX5 Belt Battery System.

This battery must be recycled. Disposal of this battery must be in accordance with local, state, and federal regulations. The State of Florida “Land Ban” applies to this battery. In Canada, disposal must be in compliance with Canadian environmental protection laws. For further information call LXE at 770-449-0154.

IMPORTANT SAFETY INSTRUCTIONS

SAVE THESE INSTRUCTIONS

MX5 Belt Battery

The Belt Battery supplies external power for the MX5 hand held computer and power for the optional heater in the MX5.

Before charging the Belt Battery, allow the temperature of the Belt Battery to stabilize at a temperature range between 0°C and 40°C (32°F and 100°F). Optimum temperature will allow the battery to charge to full capacity.

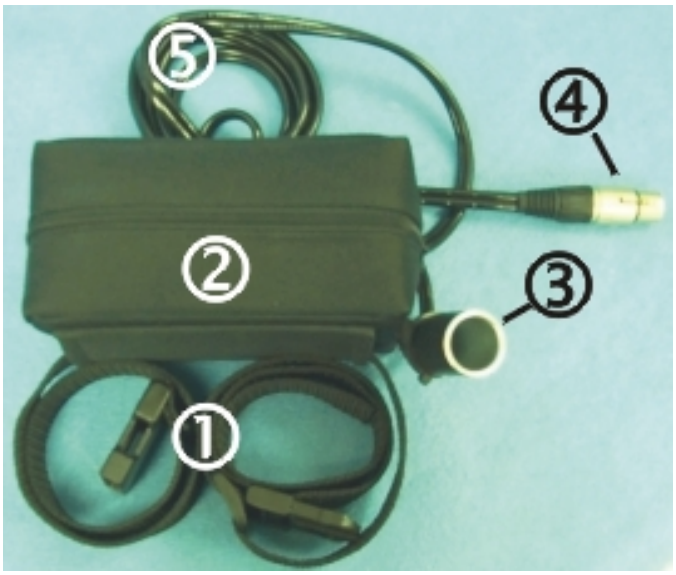

Figure 1 Belt Battery

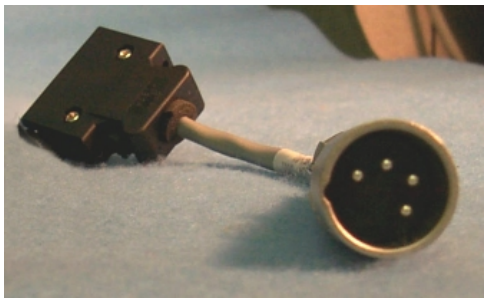

Figure 2 Cable - MX5 to Belt Battery

Warning: Do not short the center pin and the shell of the AC charging bay.

1	Belt	4	Belt XLR Connector
2	Battery in Battery Case	5	Belt Battery Cable adapter cable
3	AC Charging Bay		

Note: Do not wear the the battery belt charger when it is connected to AC Power. Disconnect the MX5 from the Belt Battery when the battery belt charger is to be connected to AC Power.

1. Push the the MX5 Adapter cable into the battery belt XLR cable end until they click together.

Figure 3 Connect Belt Battery Cable and MX5 Cable

2. Place the belt strap around the waist. Adjust the belt slider until it is snug but comfortable.

   Note: LXE does not recommend using the belt strap as a shoulder strap.

3. Place the battery pack on the hip.

Figure 4 Connect Cable Assembly to MX5 Port

4. Connect the MX5 end of the cable to either port 1 or port 2 on the MX5.
5. The green battery charging LED on the MX5 illuminates, either flashing or solid indicating valid external power is installed. If not, ensure the Belt Battery is fully charged.

Figure 5 Battery Charging LED on the MX5

Charging the Belt Battery

Important: Disconnect the MX5 from the Belt Battery before continuing with this procedure.

The Belt Battery Charger is an *automatic shutoff charger*. When it is plugged in, a red LED on the Belt Battery Charger indicates the unit is charging the Belt Battery. When the battery reaches a predetermined voltage, the digital control circuit cuts the charging circuit and the red LED goes off. When the voltage drops below the predetermined voltage, the red LED illuminates.

While the Belt Battery Charger and the Belt Battery are connected to an external AC power source, the Belt Battery voltage is continually maintained above a predetermined voltage.

A blinking red LED is expected at the end of a charge cycle. When the red LED is off for at least ten seconds between blinks, the Belt Battery is fully charged. When the Belt Battery is fully charged, disconnect the Belt Battery Charger from the Belt Battery.

Figure 6 Battery Charger

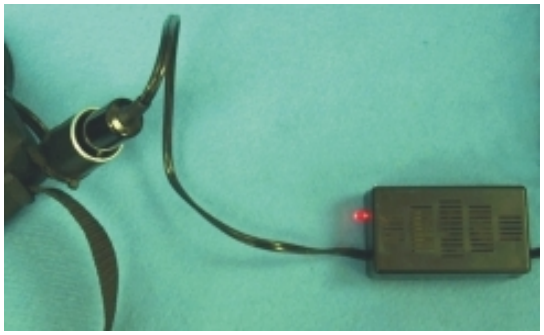

Figure 7 Charging Bay

1. Disconnect the MX5-battery belt cable from the MX5.
2. Place the Battery Charger on a flat, stable surface.
3. Insert the two-prong plug on the Battery Charger AC cable into a 110V-120V US plugged, stable AC outlet.
4. Insert the cigarette lighter end of the Belt Charger AC cable into the Charging Bay on the Belt Battery assembly.

Contacting LXE

All LXE publications are now available on one CD and they can also be viewed/downloaded from the LXE website. Contact your LXE representative to obtain the LXE Manuals CD (Product No. 9000A426LXEMANUALS).

You can also get help from LXE by calling the telephone numbers listed on the LXE Manuals CD, in the file titled "Contacting LXE". This information is also available on the LXE website www.lxe.com.

Explanations of terms and acronyms used in this publication are located in the file titled "Glossary" on the LXE Manuals CD.

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Revision Notice

Revision A	June 2003. Initial Release.
Revision B	January 2010 – Obsolete / Archived